

FACE MASK

PURE AIR
ENERGIAPURA



"A STRONG SIGNAL"



With the pandemic, Nature has given us a strong "signal" and we cannot, whatever the type of activity or intervention we want to implement, disregard the respect we owe it, which is nothing else that protected ourselves. Disposable masks and gloves, have become a problem in both availability and disposal after use: a problem with a high ecological and contaminating impact.

The possibility of designing and producing a mask as a "personal" accessory, reusable and therefore sterilizable after use, was the basis of ENERGIAPURA's research: not a productive reconversion but a continuity of working application on the experience of treating technical fabrics and seeking maximum performance in protecting athletes from both atmospheric and environmental problems and from accidents due to impact or cut.



ENERGIAPURA REALIZE THE MASK

thinking of the critical situation that ours and other countries are facing in the current situation and the preventive measures imposed, the idea was born to create an object of protection for the daily social coexistence of work, recreation and sports.

The goal: to create a barrier garment that can protect breathing and that at the same time is reusable and reconditionable, after more or less prolonged use.

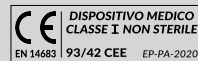
In product design, new technologies offer alternative solutions of technical fibers that create retractable fabrics with enormous advantages for the user himself.

Reconditioning and sanitizing is therefore possible with a normal washing at 60 ° and a passage of steam of a normal iron, thus allowing to have a product washed and sanitized every day.

The reconditionable-reusable product not only becomes a practical solution, but also an ecological one, thinking of the daily use of disposable masks whose waste, creates disposal problems with significant environmental impact.

The possibility of printing also allows various companies to personalize it with the company logo.

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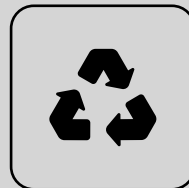
MAIN FEATURES



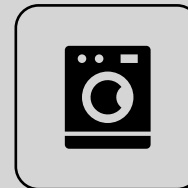
BREATHABLE



ECOLOGICAL



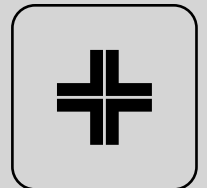
RECYCLABLE



WASHABLE

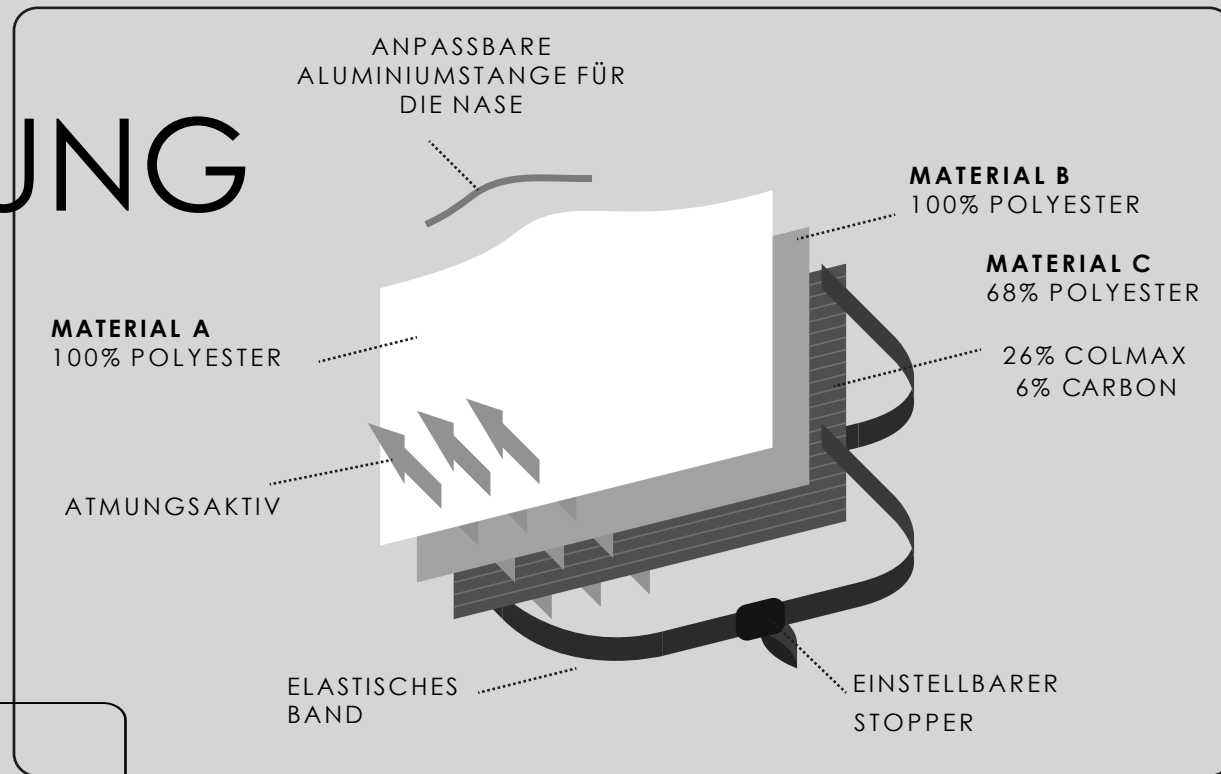


STERILIZABLE



ANALLERGIC

MATERIAL- BESCHREIBUNG



MATERIAL A: OBERMATERIAL

MATERIAL B: INNENMATERIAL

MATERIAL C: IN KONTAKT MIT DER HAUT

THREE LAYERS

FABRICS TECHNICAL SHEETS

FABRIC A

ARTICOLO (ITEM)	POLIESTERE TAFFETA'				ALTEZZA UTILE (WIDTH) CM +/- 5%			150	FINISSAGGIO:			
	PESO (WEIGHT) G/MTZ +/- 5%				50	G/MTL			75	SERVICE COD. 1200040		
	ORDITO (WARP) (count)	Titolo (ends)	50 DEN (ends)	Fili (ends)	43	TRAMA (WEFT) (count)	titolo (picks)	75 DEN (picks)	n. batt. (picks)	32	comp.% 100%PL	
	LUCE (LIGHT)											
	LAVAGGIO ACQUA (WASHING)											
	LAVAGGIO A SECCO (DRY CLEAN)											
SOLIDITA'	SUDORE ACIDO (ACID PERSPIRATION)											
	SUDORE BASICO (ALKALI PERSPIRATION)											
	SFREGAMENTO A SECCO (RUB DRY)											
	SFREGAMENTO A UMIDO (RUB WET)											
	RESISTENZA ABRASIONE (MARTINDALE ABRASION TEST)											
	PILLING											

STABILITA'	LACERAZIONE (ELMENDORF)		KG	NEWTON
		ordito +/-	12.56	1.28
		trama +/-	13.82	1.41

DATA	21/04/2020
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FABRIC C

SCHEDA TECNICA GOCCIA COOL-CARBON	
Codice articolo / Article code	NDF80
Composizione / Composition	POLIESTERE MULTIBAVA 48%, POLIESTERE 20%, COOLMAX® 26%, CARBON RESISTEX® 6% MULTI-FILAMENT POLYESTER 48%, POLYESTER 20%, COOLMAX® 26%, CARBON RESISTEX® 6%
H tot / Total width	168 cm ± 2%
H ut / Usable width	168 cm ± 2%
Peso MQ / Weight SM	140 gr ± 5%
Peso ML / Weight LM	235 gr ± 7%
L pezza / Roll length	80
Specifiche / Specifications	<p>LE QUOTAZIONI DEI COLORATI NON COMPRENDONO COLORI FLUORESCENTI E COLORI A CAPITOLATI SPECIALI PRICES ARE INTENDED FOR OUR GOOD STANDARD QUALITY. EVERY SPECIFIC REQUEST OUTSIDE OUR STANDARDS WILL BE EVALUATED IN TERMS OF PRICE AND DELIVERY TIMES</p> <p>TRATTAMENTO IDROFILICO HYDROPHILIC TREATMENT</p> <p>COMPRESO N°1 CARTELLINO "CARBON RESISTEX" PER METRO LINEARE N°1 "CARBON RESISTEX" HANGTAG FOR EACH LINEAR METER</p> <p>COMPRESO N°1 CARTELLINO EFFE IN EPE® PER METRO LINEARE N°1 EFFE PLEPE® HANGTAG FOR EACH LINEAR METER</p>

Gennaio / January 2019

FABRIC B

SCHEDA TECNICA	
DESCRIZIONE DESCRIPTION	
Nontessuto costituito da fibra poliestere in fiocco. <i>Polyester staple fiber nonwoven.</i>	
UTILIZZO APPLICATION	
Imbottitura per abbigliamento. <i>Clothing in general</i>	
CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS	
Composizione <i>Composition</i>	100% Fibre poliestere. <i>100% Polyester fibers</i>
Colore <i>Color</i>	Bianco <i>White</i>
Grammature disponibili <i>Available Surface weight</i>	g/m ² 80 ± 250
Grammatura = peso netto rotolo/superficie nominale. Tolleranza ± 7.5%. <i>Surface weight = roll net weight/nominal surface. Tolerance ± 7.5%</i>	
Spessori nominali disponibili <i>Available nominal thickness</i>	Code SB08 SB14 SB27 SB45
* (Valori indicativi / <i>indicative values</i>)	mm * 0.8 1.4 2.7 4.0
CERTIFICAZIONI CERTIFICATIONS	
Certificato OekoTex® <i>OekoTex® Certificate</i>	960031.O
 FIDUCIA NELLESSILE Testato per sostanze nocive secondo Oeko-Tex® Standard 100 971822.0 CENTROCOT	
FORNITURA ED IMBALLAGGIO SUPPLY AND PACKING	
Rotoli <i>Rolls</i>	<p>altezza massima W <i>max width W</i> 300 cm (-0/+ 2 cm)</p> <p>lunghezza massima L <i>max length L</i> variabile in base a grammatura (-0/+ 2%) <i>variable according to the surface weight</i></p>
Imballaggio <i>Packing</i> :	<p>Standard con tubo di cartone e sacco in polietilene</p> <p><i>Standard Cardboard tube and polyethylene-film bag</i></p>
SIMBOLOGIA CONSIGLIATA PER L'ETICHETTATURA SYMBOLES POUR L'ENTRETIEN (CONSEILLES POUR L'ETIQUETAGE)	
RACCOMANDAZIONI D'USO RECOMMANDATIONS SUR L'USAGE	
<p>Date le caratteristiche di morbidezza e sofficià dovute alla particolare tecnologia produttiva adottata, si rende noto che il prodotto è ritenuto a forte rischio di pilling, e pertanto deve essere adeguatamente protetto. Inoltre il prodotto va ancorato al tessuto o alla fodera interna con cuciture a quadrato, rombo o qualsiasi altra forma, fino a 6x8 cm di lato, per migliorarne la stabilità. Per qualsiasi altra tipologia di applicazione è opportuno eseguire prove adeguate sul prodotto.</p> <p><i>Owing to its peculiar manufacturing technology, that gives the product high softness and fluffiness, it is recommended to properly secure it to the fabrics or to the inner lining by means of square, diamond, or other equivalent stitching, with a side of 8 ÷ 10 [cm] to improve its stability.</i></p> <p><i>Any other kind of application has to be adequately tested.</i></p>	
<i>For more information please contact : grv.commerciale@gruppoopenuzo.com</i>	
TDS	<p><i>This data sheet may be subject to revision due to development and changes of the material. Please note that all values are preliminary and based on results obtained under typical conditions. The data are furnished without liability for the company and does not constitute a warranty or representation of the material in use. The company reserves the right to release new data sheets in replacement. This data sheet is not a specification.</i></p>
N°	ABI0140
Rev.	1
Data	28/02/17

ENERGIAPURA PURE AIR

EP PA - 2020 MEDICAL DEVICE CLASS I

Perfect adherence to the face and block from mouth and nose the droplets of respiratory secretions



CE DISPOSITIVO MEDICO
CLASSE I NON STERILE
EN 14683 93/42 CEE EP-PA-2020

Bacteriological filtration

Outwards **99%**

Towards the wearer **99%**

FFP1 - FFP2 - FFP3 WITHOUT VALVE

They have high protection. They protect the wearer and others

Filtering capacity



Outwards

72%

Towards the wearer

72%



92%

92%



98%

98%

FFP1 - FFP2 - FFP3 WITH VALVET

They all have one common feature: better breathing.

They protect the wearer but not the others because the breath comes out of the valve. Worn by those who are positive, it infects.

FFp3 has almost total protection

Capacità filtrante



Outwards

20%

Towards the wearer

72%



20%

92%



20%

98%

SURGERY

It has not Perfect adherence to the face and doesn't block from mouth and nose the droplets of respiratory secretions

Capacità filtrante



Outwards

95%

Towards the wearer

20%

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